	,	NSMITTAL	(-)			(PE)
	r Patents	Mail Stop ISSUE Commissioner for P.O. Box 1450 Alexandria, Virgi (703) 746-4000	ee(s), to: <u>Mail</u> or Fax	h applicable f	nis form, together wit	Complete and send the
nould be completed v correspondence addre rate "FEE ADDRESS	red). Blocks 1 through 5 sl ill be mailed to the current and/or (b) indicating a sepa	( · · · ) · · · · · · · · · · · · · · ·		smitting the ISSU Patent, advance of in Block 1, by (a	m should be used for tran- respondence including the I elow or directed otherwise s.	NSTRUCTUS: This for the corrected by maintenance fee notification
or any other accompa	mailing can only be used for s certificate cannot be used in l paper, such as an assignme of mailing or transmission.	Fee(s) Transmittal. The		any change of address)	E ADDRESS (Note: Use Block I for	
g deposited with the Use class mail in an enverse face	tificate of Mailing or Trans is Fee(s) Transmittal is being with sufficient postage for fire Stop ISSUE FEE address TO (703) 746-4000, on the d	I hereby certify that the States Postal Service wanderessed to the Mail			17-2188	Daniel DeJoseph F.L. Smidth Inc. 2040 Avenue C Bethlehem, PA 180
(Depositor's	De Joseph	Daniel			50 062350 10676885	/2004 SDENBOB2 000000
(Sign	De Josephi	Down				AA D
	2004	15/01/				1504 300.00 DO
CONFIRMATION N	ATTORNEY DOCKET NO.	FIRST NAMED INVENTOR				8001 PPLICATION 40.00 D
8090	Townsend US-1388-FFEM 8090		John P. Townsen		09/30/2003	10/676,885
			is -			
DATE DUE	TOTAL FEE(S) DUE	JBLICATION FEE		ISSŲE F	SMALL ENTITY	APPLN. TYPE
DATE DUE 03/03/2005	TOTAL FEE(S) DUE	JBLICATION FEE	EE j		SMALL ENTITY NO	APPLN. TYPE nonprovisional
<del></del>			GE i	ISSUE F	NO	
		\$300	GE i	ISSUE F \$1370	NO INER	nonprovisional
	st t attorneys 1 Dani	\$300  ASS-SUBCLASS  432-136000 the patent front page, list page to 3 registered patent matively, single firm (having as a or agent) and the name attorneys or agents. If	2. For printing or (1) the names of or agents OR, alt (2) the name of a registered attorn	S1370 ART UN 3749 ee Address" (37 Correspondence	NO INER PING	nonprovisional  EXAM  LU, JII  Change of correspondence  CFR 1.363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicati
03/03/2005	st t attorneys 1 Dani member a es of up to no name is 3 ee is identified below, the d	\$300  ASS-SUBCLASS  432-136000  the patent front page, list proceedings of the patent attively, single firm (having as a or agent) and the name attorneys or agents. If the patent of type)  the patent. If an assigning an assignment.  Y and STATE OR COL	2. For printing of (1) the names of or agents OR, alt (2) the name of a registered attorn 2 registered pate listed, no name v THE PATENT (print) data will appear on a substitute for fili	ART UN 3749 ee Address" (37  Correspondence ation form e of a Customer  E PRINTED ON elow, no assignee of this form is NO	NO INER PING  address or indication of "Feence address (or Change of 02) attached. In (or "Fee Address" Indicar more recent) attached. Use RESIDENCE DATA TO B an assignee is identified be 37 CFR 3.11. Completion of	nonprovisional  EXAM  LU, JII  1. Change of correspondence  CFR 1.363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicati  PTO/SB/47; Rev 03-02 o  Number is required.  3. ASSIGNEE NAME AND  PLEASE NOTE: Unless recordation as set forth in
03/03/2005  el De Tos  cument has been file	st t t attorneys 1 Dani member a 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$300  ASS-SUBCLASS  432-136000  the patent front page, list pp to 3 registered patent matively, single firm (having as a ror agent) and the name attorneys or agents. If the patent. If an assigning an assignment.  Y and STATE OR COURSE TAILED	2. For printing of (1) the names of or agents OR, alt (2) the name of a registered attorn 2 registered pate listed, no name v THE PATENT (print data will appear on a substitute for fili ) RESIDENCE: (CI	ART UN 3749 ee Address" (37 Correspondence ation form e of a Customer EE PRINTED ON elow, no assignee of this form is NO	NO INER PING  address or indication of "Feence address (or Change of 02) attached. Ion (or "Fee Address" Indicar more recent) attached. Use RESIDENCE DATA TO B an assignee is identified be 37 CFR 3.11. Completion of EE  ECOLS  assignee category or category	nonprovisional  EXAM  LU, JII  Change of correspondence  CFR 1.363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicati  PTO/SB/47; Rev 03-02 o  Number is required.  ASSIGNEE NAME AND  PLEASE NOTE: Unless recordation as set forth in  (A) NAME OF ASSIGNE  FE CONTACT  Clease check the appropriate
03/03/2005  el De Tos  cument has been file	st t attorneys 1 Dani member a 2 2 3 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	\$300  ASS-SUBCLASS  432-136000  the patent front page, lis up to 3 registered paten matively, single firm (having as a or agent) and the name attorneys or agents. If the patent of type)  or type)  the patent. If an assigned an assignment.  Y and STATE OR COURSE TO C	2. For printing of (1) the names of or agents OR, alt (2) the name of a registered attorn 2 registered pate listed, no name v THE PATENT (print data will appear on a substitute for fili ) RESIDENCE: (CI	ART UN 3749 ee Address" (37 Correspondence ation form e of a Customer EE PRINTED ON elow, no assignee of this form is NO	NO INER PING  address or indication of "Feence address (or Change of 02) attached. Ion (or "Fee Address" Indicar more recent) attached. Use RESIDENCE DATA TO B an assignee is identified be 37 CFR 3.11. Completion of EE  ECOLS  assignee category or category	nonprovisional  EXAM  LU, JII  Change of correspondence  CFR 1.363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicati  PTO/SB/47; Rev 03-02 o  Number is required.  ASSIGNEE NAME AND  PLEASE NOTE: Unless recordation as set forth in  (A) NAME OF ASSIGNE  FE  Clease check the appropriate  Ia. The following fee(s) are set.
03/03/2005  el De Tos   ocument has been file	st tattorneys 1 Dani t attorneys 1 Dani member a 2 3 ee is identified below, the d  UNTRY) PA proporation or other private gro	\$300  ASS-SUBCLASS  432-136000  the patent front page, list pp to 3 registered patent matively, single firm (having as a ror agent) and the name attorneys or agents. If the patent. If an assigning an assignment.  Y and STATE OR COURSE TAILED	2. For printing of (1) the names of or agents OR, alt (2) the name of a registered attorn 2 registered pate listed, no name of a substitute for fili ) RESIDENCE: (Claimed on the patent). Payment of Fee(s)	ART UN 3749 ee Address" (37 Correspondence ation form e of a Customer EE PRINTED ON elow, no assignee of this form is NO	NO INER PING  address or indication of "Feence address (or Change of 02) attached. Ion (or "Fee Address" Indicar more recent) attached. Use RESIDENCE DATA TO B an assignee is identified be 37 CFR 3.11. Completion of EE  ECOLS  assignee category or category	nonprovisional  EXAM  LU, JI  1. Change of correspondence  CFR 1.363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicati  PTO/SB/47; Rev 03-02 o  Number is required.  3. ASSIGNEE NAME AND  PLEASE NOTE: Unless recordation as set forth in  (A) NAME OF ASSIGNE  FE  Please check the appropriate  4a. The following fee(s) are selected.

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

28,007 Registration No.

Typed or printed name \_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.